

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits   | Search Query   | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|--------|--|--|------------------|---------|---------------------|
| L1    | 1141   | (epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ triglycidyl\$ tetraglycidyl\$ polyglycidyl\$ glycidox\$ diglycidox\$ triglycidox\$ tetraglycidox\$ polyglycidox\$) with (acrylic methacrylic acrylate methacrylate polyacrylic polymethacrylic polyacrylate polymethacrylate) same ((weight "wt") near5 (average "ave")) with (molecular adj2 weight) same (equivalent "equiv" "eq") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/10/06<br>10:10 |
| L2    | 388066 | curative hardener (cross adj2 linker) crosslinker ((curing hardening (cross adj2 linking) crosslinking) adj2 (agent promoter))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/10/06<br>10:11 |
| L3    | 757208 | epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ triglycidyl\$ tetraglycidyl\$ polyglycidyl\$  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/10/06<br>10:11 |
| L4    | 649    | L2 and L3 and I1   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/10/06<br>10:11 |
| L5    | 3251   | (epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ triglycidyl\$ tetraglycidyl\$ polyglycidyl\$ glycidox\$ diglycidox\$ triglycidox\$ tetraglycidox\$ polyglycidox\$) with (acrylic methacrylic acrylate methacrylate polyacrylic polymethacrylic polyacrylate polymethacrylate) with ((weight "wt") near5 (average "ave")) with (molecular adj2 weight)                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/10/06<br>10:12 |

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| L6  | 3821 | (epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ triglycidyl\$ tetraglycidyl\$ polyglycidyl\$ glycidox\$ diglycidox\$ triglycidox\$ tetraglycidox\$ polyglycidox\$) with (acrylic methacrylic acrylate methacrylate polyacrylic polymethacrylic polyacrylate polymethacrylate) with (equivalent "equiv" "eq")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:12 |
| L7  | 747  | l5 and l6   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:12 |
| L8  | 466  | l7 and l2 and l3  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:13 |
| L9  | 35   | l5.clm. and l6.clm. and l2.clm. and l3.clm.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:14 |
| L10 | 366  | (epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ triglycidyl\$ tetraglycidyl\$ polyglycidyl\$ glycidox\$ diglycidox\$ triglycidox\$ tetraglycidox\$ polyglycidox\$) with (acrylic methacrylic acrylate methacrylate polyacrylic polymethacrylic polyacrylate polymethacrylate) with (epoxy\$5 adj3 (equivalent "equiv" "eq") adj3 (weight "wt" "wt.")) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:15 |
| L11 | 82   | l8 and l10  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:15 |
| L12 | 8    | l5.clm. and l10.clm. and l2.clm. and l3.clm.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:17 |

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| L13 | 1503  | (epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ triglycidyl\$ tetraglycidyl\$ polyglycidyl\$ glycidox\$ diglycidox\$ triglycidox\$ tetraglycidox\$ polyglycidox\$) with (acrylic methacrylic acrylate methacrylate polyacrylic polymethacrylic polyacrylate polymethacrylate) with ((weight "wt") adj3 (average "ave")) adj3 (molecular adj2 weight) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:20 |
| L14 | 47    | 110 and 113 and 12 and 13  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:21 |
| L19 | 4454  | 525/523.ccls. 525/524.ccls.<br>525/529.ccls. 525/530.ccls.<br>525/533.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:24 |
| L20 | 1877  | 156/330.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:24 |
| L21 | 6393  | 428/413.ccls. 428/414.ccls.<br>428/415.ccls. 428/416.ccls.<br>428/417.ccls. 428/418.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:24 |
| L22 | 11660 | (L19 L20 L21)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:24 |
| L26 | 94361 | sekisui.as.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:24 |
| L27 | 55894 | watanabe-k\$.in. watanabe-k\$-\$.in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:24 |
| L28 | 918   | enami-t\$.in. enami-t\$-\$.in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:24 |

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| L29 | 1084    | takebe-y\$.in. takebe-y\$-.in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:24 |
| L30 | 72      | susuki-t\$.in. susuki-t\$-.in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:24 |
| L31 | 151918  | L26 L27 L28 L29 L30  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:24 |
| L40 | 16      | 114 and 122  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:29 |
| L41 | 2       | 114 and 131  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/06<br>10:29 |
| S25 | 496814  | silicone polysiloxane<br>polyorganosiloxane<br>polydiorganosiloxane<br>organopolysiloxane<br>organosiloxane<br>diorganopolysiloxane siloxane<br>organosilicone | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/14<br>09:00 |
| S26 | 317795  | curative hardener (cross adj2<br>linker) crosslinker ((curing<br>hardening (cross adj2 linking)<br>crosslinking) adj2 (agent<br>promoter))                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/28<br>14:33 |
| S27 | 1222941 | amine amino diamine diamino<br>triamine triamino polyamine<br>polyamino  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12<br>13:13 |
| S28 | 605176  | epox\$6 diepox\$6 triepox\$6<br>polyepox\$6 glycidyl\$ diglycidyl<br>\$ triglycidyl\$ tetraglycidyl\$<br>polyglycidyl\$  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/14<br>09:01 |
| S34 | 10      | ("5686509" "5940603"<br>"6328844" "5940306").pn. us-<br>20020025431-\$.did.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:30 |

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| S35 | 6      | ep-914027-\$.did. ep-1160857-\$.<br>did. gb-2280524-\$.did.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:32 |
| S36 | 6      | ("6475641" "6328844"<br>"5940603").pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:34 |
| S37 | 17     | jp-03342703-\$.did. jp-<br>03114162-\$.did. jp-07073066-\$.<br>did. jp-2002313143-\$.did. jp-<br>2002241584-\$.did. jp-<br>2000248052-\$.did. jp-<br>04332722-\$.did. jp-<br>2002060467-\$.did. jp-<br>59230068-\$.did. jp-03205445-\$.<br>did. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:36 |
| S38 | 2      | jp-05075250-\$.did.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:45 |
| S39 | 34     | S34 S35 S36 S37 S38   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:46 |
| S40 | 360495 | curative hardener (cross adj2<br>linker) crosslinker ((curing<br>hardening (cross adj2 linking)<br>crosslinking) adj2 (agent<br>promoter))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:47 |
| S41 | 699629 | epox\$6 diepox\$6 triepox\$6<br>polyepox\$6 glycidyl\$ diglycidyl<br>\$ triglycidyl\$ tetraglycidyl\$<br>polyglycidyl\$   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:47 |
| S42 | 146368 | S41 and S40   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:47 |
| S43 | 15     | S39 and S42   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:48 |
| S44 | 19     | S39 not S43   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:48 |

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| S45 | 92207  | sekisui.as.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:54 |
| S46 | 53411  | watanabe-k\$.in. watanabe-k\$\$.in.                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:55 |
| S47 | 858    | enami-t\$.in. enami-t\$\$.in.                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:55 |
| S48 | 990    | takebe-y\$.in. takebe-y\$\$.in.                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:55 |
| S49 | 72     | susuki-t\$.in. susuki-t\$\$.in.                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:56 |
| S50 | 147156 | S45 S46 S47 S48 S49                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:56 |
| S51 | 730    | S50 and S40 and S41                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:56 |
| S52 | 22     | S50 and S40 and S41 and<br>(phase near3 separat\$4) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:57 |
| S53 | 2      | S43 and (phase near3 separat<br>\$4)                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>09:57 |
| S54 | 10401  | S40 and S41 and (phase near3<br>separat\$4)         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>10:43 |

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| S55 | 4775 | dicyclopentadiene with S41  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>10:43 |
| S56 | 5408 | naphthalene with S41  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>10:43 |
| S57 | 45   | S54 and S55 and S56   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>10:44 |
| S58 | 10   | S54 and S55 and S56 and (core<br>near3 shell)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>10:44 |
| S59 | 7    | S52 and (core near3 shell)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>10:49 |
| S60 | 15   | S52 not S59   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>10:49 |
| S61 | 1    | S50 and S40.clm. and S41.clm.<br>and (phase near3 separat\$4).<br>clm.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>10:50 |
| S62 | 3    | S50 and S40.clm. and S41.clm.<br>and (phase near3 separat\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>10:50 |
| S63 | 206  | S40.ab. and S41.ab. and (phase<br>near3 separat\$4).ab.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>11:09 |
| S64 | 73   | S40.ab. and S41.ab. and (phase<br>near3 separat\$4).ab. and<br>(((molecular "mol" "mol.") adj2<br>(weight "wt" "wt.") "mw" "m.<br>w.") .ab. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>11:41 |

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| S65 | 1     | S50 and S64  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/14<br>11:49 |
| S66 | 1     | wo-0174962-\$.did.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/14<br>11:52 |
| S67 | 1     | 2002-089593.NRAN.  | DERWENT  | OR | OFF | 2008/08/14<br>11:52 |
| S68 | 73    | S40.ab. and S41.ab. and (phase<br>near3 separat\$4).ab. and<br>(((molecular "mol" "mol.") adj2<br>(weight "wt" "wt.") "mw" "m.<br>w.")ab. and (phase near3<br>separat\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/14<br>11:55 |
| S69 | 4340  | 525/523.ccls. 525/524.ccls.<br>525/529.ccls. 525/530.ccls.<br>525/533.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/14<br>12:29 |
| S70 | 1833  | 156/330.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/14<br>12:30 |
| S71 | 6195  | 428/413.ccls. 428/414.ccls.<br>428/415.ccls. 428/416.ccls.<br>428/417.ccls. 428/418.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/14<br>12:30 |
| S72 | 11343 | (S69 S70 S71)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/14<br>12:31 |
| S73 | 476   | S72 and S40 and S41 and<br>(phase near3 separat\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/14<br>12:31 |
| S74 | 12    | S40.ab. and S41.ab. and (phase<br>near3 separat\$4).ab. and<br>(((molecular "mol" "mol.") adj2<br>(weight "wt" "wt.") "mw" "m.<br>w.")ab. and (phase near3<br>separat\$4) and (S41 near3<br>(equivalent "eq" "eq." "equiv"<br>"equiv.")) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/14<br>12:32 |



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| S75 | 33     | S73 and (((molecular "mol" "mol.") adj2 (weight "wt" "wt.")) "mw" "m.w.").ab. and (phase near3 separat\$4) and (S41 near3 (equivalent "eq" "eq." "equiv" "equiv."))                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>12:34 |
| S76 | 1958   | S40.ab. and S41.ab. and ((phase near3 separat\$4) (without free "no")).ab. and (((molecular "mol" "mol.") adj2 (weight "wt" "wt.") "mw" "m.w.").ab.                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>12:58 |
| S77 | 8      | S40.ab. and S41.ab. and ((phase near3 separat\$4) near5 (without free "no")).ab. and (((molecular "mol" "mol.") adj2 (weight "wt" "wt.") "mw" "m.w.").ab.                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>12:58 |
| S78 | 28     | S40.ab. and S41.ab. and ((phase near3 separat\$4) near5 (without free "no")).ab.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>13:02 |
| S81 | 5630   | (epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ triglycidyl\$ tetraglycidyl\$ polyglycidyl\$) with (molecular adj2 weight) with (equivalent "equiv" "eq")         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>16:36 |
| S82 | 5658   | (epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ triglycidyl\$ tetraglycidyl\$ polyglycidyl\$ phenoxy) with (molecular adj2 weight) with (equivalent "equiv" "eq") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>16:36 |
| S83 | 737708 | (epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ triglycidyl\$ tetraglycidyl\$ polyglycidyl\$)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>16:36 |
| S84 | 379017 | curative hardener (cross adj2 linker) crosslinker ((curing hardening (cross adj2 linking) crosslinking) adj2 (agent promoter))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>16:37 |
| S85 | 2249   | S83.ab. and S84 and S82   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>16:37 |
| S86 | 213    | S83.ab. and S84 and S82 and (phase near5 separat\$5)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>16:37 |

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| S87 | 173 | (phenoxy) with (molecular adj2 weight) with (equivalent "equiv" "eq")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>16:39 |
| S88 | 0   | "I3." and S84 and S87  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>16:39 |
| S89 | 115 | S83 and S84 and S87  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>16:39 |
| S90 | 393 | (epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ triglycidyl\$ tetraglycidyl\$ polyglycidyl\$) with (novolac novolak novalac novalak) with (molecular adj2 weight) with (equivalent "equiv" "eq")   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>16:46 |
| S91 | 267 | S83 and S90 and S84  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>16:46 |
| S92 | 283 | (epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ triglycidyl\$ tetraglycidyl\$ polyglycidyl\$) with (acrylic methacrylic acrylate methacrylate) with (copolymer copolymeriz\$ copolymeris\$ terpolymer terpolymeris\$ terpolymeriz\$) with (molecular adj2 weight) with (equivalent "equiv" "eq") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>16:57 |
| S93 | 2   | S87 and S92 and S84  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>16:58 |
| S94 | 165 | S83 and S92 and S84  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>16:58 |
| S95 | 95  | S83 and S92 and S84 and (paste adhesive)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>17:35 |

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| S96  | 371    | S83.ab. and S84 and S82 and paste   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>17:39 |
| S97  | 3007   | (epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ triglycidyl\$ tetraglycidyl\$ polyglycidyl\$ phenoxy) with ((weight "wt") near5 (average "ave")) with (molecular adj2 weight) with (equivalent "equiv" "eq")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>17:41 |
| S98  | 376    | S97 and S84 and S82 and paste   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/15<br>17:41 |
| S99  | 5665   | (epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ triglycidyl\$ tetraglycidyl\$ polyglycidyl\$ phenoxy) with (molecular adj2 weight) with (equivalent "equiv" "eq")   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/19<br>17:34 |
| S100 | 379476 | curative hardener (cross adj2 linker) crosslinker ((curing hardening (cross adj2 linking) crosslinking) adj2 (agent promoter))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/19<br>17:34 |
| S101 | 3012   | (epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ triglycidyl\$ tetraglycidyl\$ polyglycidyl\$ phenoxy) with ((weight "wt") near5 (average "ave")) with (molecular adj2 weight) with (equivalent "equiv" "eq")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/19<br>17:34 |
| S102 | 376    | S101 and S100 and S99 and paste   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/19<br>17:34 |
| S103 | 801    | (epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ triglycidyl\$ tetraglycidyl\$ polyglycidyl\$ phenoxy) with ((weight "wt") near5 (average "ave")) with (((weight "wt") adj2 (average "ave")) near5 (molecular adj2 weight)) with (equivalent "equiv" "eq") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/19<br>17:36 |

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| S104 | 92   | S102 and S103  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/19<br>17:36 |
| S105 | 19   | S102 and S103 and ((adhesive<br>conductive) near5 paste)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/19<br>17:55 |
| S106 | 245  | (epox\$6 diepox\$6 triepox\$6<br>polyepox\$6 glycidyl\$ diglycidyl<br>\$ triglycidyl\$ tetraglycidyl\$<br>polyglycidyl\$ phenoxy) with<br>(((weight "wt") adj2 (average<br>"ave"))) near5 (molecular adj2<br>weight)) with (novolac novolak<br>novolac novolak)    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/19<br>18:02 |
| S107 | 1462 | (epox\$6 diepox\$6 triepox\$6<br>polyepox\$6 glycidyl\$ diglycidyl<br>\$ triglycidyl\$ tetraglycidyl\$<br>polyglycidyl\$ phenoxy) with<br>(molecular adj2 weight) near5<br>(blend mixture combination)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/19<br>18:02 |
| S108 | 11   | S106 and S107  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/19<br>18:02 |
| S109 | 191  | ((epox\$6 diepox\$6 triepox\$6<br>polyepox\$6 glycidyl\$ diglycidyl<br>\$ triglycidyl\$ tetraglycidyl\$<br>polyglycidyl\$ phenoxy) near5<br>(novolac novolak novolak<br>novolak)) with (((weight "wt")<br>adj2 (average "ave"))) near5<br>(molecular adj2 weight)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/19<br>18:07 |
| S110 | 24   | S109 and paste   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/19<br>18:07 |
| S111 | 1452 | ((epox\$6 diepox\$6 triepox\$6<br>polyepox\$6 glycidyl\$ diglycidyl<br>\$ triglycidyl\$ tetraglycidyl\$<br>polyglycidyl\$ phenoxy) near5<br>(novolac novolak novolak<br>novolak)) with (molecular adj2<br>weight)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/19<br>18:14 |
| S112 | 316  | S111 and paste   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/19<br>18:14 |

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| S113 | 254    | S111 and paste and S100  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/19<br>18:14 |
| S114 | 10     | S111 and paste and S100 and S107   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/19<br>18:15 |
| S115 | 13     | ((epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ triglycidyl\$ tetraglycidyl\$ polyglycidyl\$ phenoxy) near5 (novolac novolak novalac novalak)).ab. and S113 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/19<br>18:16 |
| S116 | 74     | (epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ triglycidyl\$ tetraglycidyl\$ polyglycidyl\$ phenoxy).ab. and S113   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/19<br>18:18 |
| S117 | 13     | "6777464"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/20<br>09:58 |
| S118 | 2      | "6777464".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/20<br>09:58 |
| S119 | 4      | ("4963974" "4735847").pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/20<br>10:00 |
| S120 | 738657 | epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ triglycidyl\$ tetraglycidyl\$ polyglycidyl\$  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/20<br>10:01 |
| S121 | 6      | anisotrop\$4.ab. and S120.ab. and (rubber elastomer elastomeric).ab. and modulus.ab.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/20<br>10:01 |
| S122 | 7      | anisotrop\$4.ab. and sony.as. and (rubber elastomer elastomeric) and modulus   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/20<br>10:09 |

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| S123 | 21  | anisotrop\$4 and sony.as. and (rubber elastomer elastomeric) and modulus  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/20<br>10:10 |
| S124 | 2   | jp-08319461-\$.did.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/20<br>10:10 |
| S125 | 35  | anisotrop\$4.ab. and ((rubber elastomer elastomeric) with (particle particulate)) and modulus   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/20<br>10:12 |
| S126 | 29  | anisotrop\$4 and (((rubber elastomer elastomeric) with (particle particulate)) same modulus) and (polyimide with film)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/20<br>10:15 |
| S127 | 101 | anisotrop\$4 and ((rubber elastomer elastomeric) with (particle particulate)) and modulus and (polyimide with film)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/20<br>10:25 |
| S128 | 120 | anisotrop\$4 and ((rubber elastomer elastomeric) with (modulus)) and (additive with (rubber elastomer elastomeric))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/20<br>11:07 |
| S129 | 45  | anisotrop\$4 and ((rubber elastomer elastomeric) with (modulus)) and (additive with (rubber elastomer elastomeric)) and S120 and ((particle particulate) near5 (size diameter)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/20<br>11:09 |
| S130 | 135 | anisotrop\$4 and ((rubber elastomer elastomeric) with (modulus)) and S120 and ((particle particulate) near5 (size diameter))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/20<br>11:10 |
| S131 | 6   | "4940740".pn. us-20030029559-\$.did. tw-505673-\$.did. tw-495536-\$.did. tw-487935-\$.did.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/05/20<br>11:17 |

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